

August 21, 2021

Attention: Cecylia Garbacz
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, tracking number 2021-04163, originally received on August 03, 2021 was surveyed and accepted for registration as follows:

CRN : 0A23313.52 **Accepted on:** August 21, 2021

Reg Type: NEW DESIGN **Expiry Date:** June 16, 2031

Drawing No. : SCOPE OF CRN REGISTRATION

Fitting type: ZOOMLOCK PUSH PUSH-TO-CONNECT FITTINGS

Design registered in the name of : PARKER HANNIFIN CORPORATION

The registration is conditional on your compliance with the following notes:

*** Design Report #: R-1351 Revision 0*

*** See attached for a list of 6 manufacturing locations*

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.5 and ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.*
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.*
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.*
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3337 or fax (780) 437-7787 or e-mail Dick@absa.ca.

Sincerely,



DICK, ASHLING, P. Eng.
DOP Cert. No. D00007936

**STATUTORY DECLARATION
Registration of Fittings**
Single or Multiple Fitting Designs within one Fitting Category

I, JIM BUDNAR, DIVISION ENGINEERING
(name of applicant) (position title) (must be in a position of authority)
of PARKER HANNIFIN CORPORATION - SPORLAN DIVISION
(name of manufacturer)
located at 206 LANGE DRIVE, WASHINGTON, MO, 63090, USA.
(plant address)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (select only one)

- ☒ comply with the requirements of ASME B31.5, ASME B31.3 which specifies the dimensions, (title of recognized North American Standard)
materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- ☐ are not covered by the provisions of a recognized North American standard and are therefore
manufactured to comply with _____ as supported by the (title of code of construction or other applicable document)
attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	ZoomLock Push Push-to-connect Refrigerant Fittings	Parker ISO 9001: 2015	Design, Manufacturing, Distribution	November 24, 2021	Bureau Veritas	Various - See Worldwide Locations Appendix
2.	ZoomLock Push Push-to-connect Refrigerant Fittings	Essen Tech Co., Ltd ISO 9001: 2015	Design, Development, Production, Service	November 18, 2023	Korea Standards Association	Essen Tech Co., Ltd., Jeollabuk-Do, Korea

In support of this application, the following information, calculations and/or test data are attached:

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

James Budner
(Signature of the Declarer)

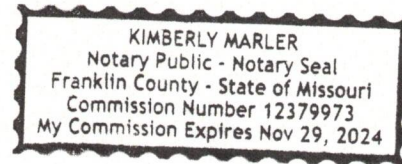
2/18/21
(Date)

DECLARED before me at Washington in the State of Missouri
(city) (province, territory, or state)
this 18 day of February, 2021
(Month) (Year)

(print) Kimberly Marler
(a Commissioner of Oaths or Notary Public)

(sign) Kimberly Marler
(a Commissioner of Oaths or Notary Public)

11-20-2024
(expiry date (mm/dd/yy))



Commissioner of Oaths / Notary Public in and for: FRANKLIN County Missouri
(province, territory, or state)

For ABSA Office Use Only:

NOTES: ****Push-To-Connect Refrigerant Fittings, see attached Scope of CRN Registration.**
**** See attached for a list of 6 manufacturing locations**

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____

CRN: _____

Registered Date: _____

Expiry Date: _____

Signature: _____

(Signature of the Administrator/SCO)

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline

2021-04163

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0A23313 52

See acceptance letter for conditions of registration.

Date: 2021-08-21

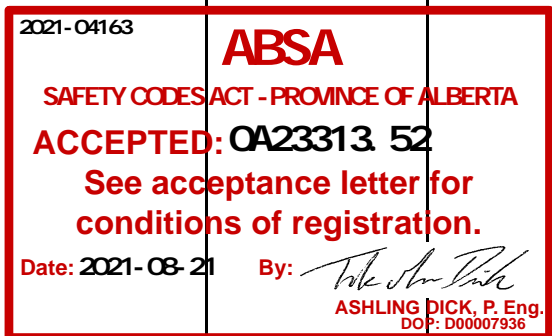
By: Ashling Dick
ASHLING DICK, P. Eng.
DOP: D00007936

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.



SCOPE OF CRN REGISTRATION

Product Description	Design Code	Body Material Specification	MAWP at MAWT (psig at °F / barg at °C)	MDMT (°F / °C)	Fitting Type	Size	Parker Part Number	Report Number
ZoomLock Push Push-to-connect Refrigerant Fittings	ASME B31.5, ASME B31.3	Forging Brass ASTM B283 UNS C37700	870 psig at 250°F / 60 barg at 121°C	- 40°F / - 40°C	Couplings R410A Optimized	1/4"	PZKP-C4-HNBR	R-1351 Rev. 0
						3/8"	PZKP-C6-HNBR	
						1/2"	PZKP-C8-HNBR	
						5/8"	PZKP-C10-HNBR	
						3/4"	PZKP-C12-HNBR	
						7/8"	PZKP-C14-HNBR	
					SAE Flare Adapters R410A Optimized	1/4"	PZKP-F4-HNBR	
						3/8"	PZKP-F6-HNBR	
						1/2"	PZKP-F8-HNBR	
						5/8"	PZKP-F10-HNBR	
					Elbows 90 Degree R410A Optimized	1/4"	PZKP-90E4-HNBR	
						3/8"	PZKP-90E6-HNBR	
						1/2"	PZKP-90E8-HNBR	
						5/8"	PZKP-90E10-HNBR	
						3/4"	PZKP-90E12-HNBR	
						7/8"	PZKP-90E14-HNBR	
					Couplings Removable	1/4"	PZKPR-C4	
						3/8"	PZKPR-C6	
						1/2"	PZKPR-C8	
						5/8"	PZKPR-C10	
						3/4"	PZKPR-C12	
						7/8"	PZKPR-C14	
					SAE Flare Adapters Removable	1/4"	PZKPR-F4	
						3/8"	PZKPR-F6	
						1/2"	PZKPR-F8	
						5/8"	PZKPR-F10	
					Elbows 90 Degree Removable	1/4"	PZKPR-90E4	
						3/8"	PZKPR-90E6	
						1/2"	PZKPR-90E8	
						5/8"	PZKPR-90E10	
						3/4"	PZKPR-90E12	
						7/8"	PZKPR-90E14	



This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.



SCOPE OF CRN REGISTRATION

Note 1: MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature, MDMT = Minimum Design Metal Temperature.

Note 2: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by seal materials or other considerations. Please consult Parker literature.

Note 3: The pressure-temperature ratings shown are acceptable when the ZoomLock Push fittings are installed on copper tube that has a ASME B31.5 Table 502.3.1-1 minimum allowable stress value that is equal to or greater than the values listed for ASTM B280 UNS C12200 H58 tubing. Installation of the ZoomLock Push fittings on copper tubing with lower allowable stress values than that shown for ASTM B280 UNS C12200 H58 may result in the maximum allowable pressure ratings of the system to be lower than that shown above.

Note 4: For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

Note 5: See Attached List of Manufacturing locations applicable to this CRN.



WORLDWIDE LOCATIONS APPENDIX

PARKER HANNIFIN CORPORATION SPORLAN DIVISION MANUFACTURING LOCATIONS & CERTIFYING AUTHORITIES

(rev. January 26, 2021)

Head Quarters
206 LANGE DRIVE
WASHINGTON, MO 63090 USA
ISO 9001 Certified by Bureau Veritas

Plant 1
711 INDUSTRIAL AVENUE
PLANT 1 I WASHINGTON, MO 63090 USA
ISO 9001 Certified by Bureau Veritas

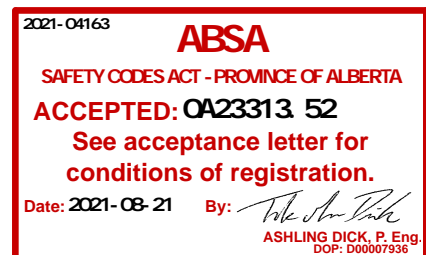
Plant 3
215 LANGE DRIVE
WASHINGTON, MO 63090 USA
ISO 9001 Certified by Bureau Veritas

Plant 4
100 PARKER DRIVE
GREENFIELD, TN 38230 USA
ISO 9001 Certified by Bureau Veritas

Plant 5
VIA DE FERROCARRIL A MATAMOROS
730, CENTRO. BLVD.
CARLOS SALINAS DE GORTARI Y PROL.
CAMINO A HUINALA.
APODACA, NL CP 66600 MEXICO
ISO 9001 Certified by Bureau Veritas

In addition, in accordance with CSA B51 paragraph 4.2.5 Parker Hannifin Corporation Sporlan Division is taking responsibility for the product covered under this CRN that is manufactured at:

ESSEN TECH CO., LTD
15, JAYUMUYEOK 2-GIL,
GUNSAN-SI, JEOLLABUK-DO, KOREA
ISO 9001 Certified by Korean Standards Association



This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.